

Guoku Hu

List of Publications by Year in descending order

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62
papers

10,346
citations

136950

32
h-index

133252

59
g-index

64
all docs

64
docs citations

64
times ranked

16568
citing authors

#	ARTICLE	IF	CITATIONS
1	Minimal information for studies of extracellular vesicles 2018 (MISEV2018): a position statement of the International Society for Extracellular Vesicles and update of the MISEV2014 guidelines. <i>Journal of Extracellular Vesicles</i> , 2018, 7, 1535750.	12.2	6,961
2	Exosomal miRNAs: Biological Properties and Therapeutic Potential. <i>Frontiers in Genetics</i> , 2012, 3, 56.	2.3	316
3	lincRNA-Cox2 Promotes Late Inflammatory Gene Transcription in Macrophages through Modulating SWI/SNF-Mediated Chromatin Remodeling. <i>Journal of Immunology</i> , 2016, 196, 2799-2808.	0.8	192
4	NF-kappaB p65-Dependent Transactivation of miRNA Genes following <i>Cryptosporidium parvum</i> Infection Stimulates Epithelial Cell Immune Responses. <i>PLoS Pathogens</i> , 2009, 5, e1000681.	4.7	191
5	MicroRNA-513 Regulates B7-H1 Translation and Is Involved in IFN- γ -Induced B7-H1 Expression in Cholangiocytes. <i>Journal of Immunology</i> , 2009, 182, 1325-1333.	0.8	190
6	Binding of NF-kappaB p65 subunit to the promoter elements is involved in LPS-induced transactivation of miRNA genes in human biliary epithelial cells. <i>Nucleic Acids Research</i> , 2010, 38, 3222-3232.	14.5	180
7	Release of Luminal Exosomes Contributes to TLR4-Mediated Epithelial Antimicrobial Defense. <i>PLoS Pathogens</i> , 2013, 9, e1003261.	4.7	159
8	Molecular mechanisms of long noncoding RNAs and their role in disease pathogenesis. <i>Oncotarget</i> , 2018, 9, 18648-18663.	1.8	144
9	MIR-9 promotes microglial activation by targeting MCP1. <i>Nature Communications</i> , 2014, 5, 4386.	12.8	133
10	MicroRNA-98 and <i>let-7</i> Confer Cholangiocyte Expression of Cytokine-Inducible Src Homology 2-Containing Protein in Response to Microbial Challenge. <i>Journal of Immunology</i> , 2009, 183, 1617-1624.	0.8	113
11	Regulation of morphine-induced synaptic alterations: Role of oxidative stress, ER stress, and autophagy. <i>Journal of Cell Biology</i> , 2016, 215, 245-258.	5.2	88
12	lincRNA-Cox2 modulates TNF α -induced transcription of <i>IL12b</i> gene in intestinal epithelial cells through regulation of MiR-2/NuRD-mediated epigenetic histone modifications. <i>FASEB Journal</i> , 2016, 30, 1187-1197.	0.5	88
13	Astrocyte EV-Induced lincRNA-Cox2 Regulates Microglial Phagocytosis: Implications for Morphine-Mediated Neurodegeneration. <i>Molecular Therapy - Nucleic Acids</i> , 2018, 13, 450-463.	5.1	83
14	A long noncoding RNA, lincRNA-Tnfr1-1, acts as a coregulator of NF- κ B to modulate inflammatory gene transcription in mouse macrophages. <i>FASEB Journal</i> , 2017, 31, 1215-1225.	0.5	75
15	MicroRNA-98 and <i>let-7</i> Regulate Expression of Suppressor of Cytokine Signaling 4 in Biliary Epithelial Cells in Response to <i>Cryptosporidium parvum</i> Infection. <i>Journal of Infectious Diseases</i> , 2010, 202, 125-135.	4.0	71
16	HIV Tat Induces Expression of ICAM-1 in HUVECs: Implications for miR-221/-222 in HIV-Associated Cardiomyopathy. <i>PLoS ONE</i> , 2013, 8, e60170.	2.5	69
17	Strategies for the use of Extracellular Vesicles for the Delivery of Therapeutics. <i>Journal of NeuroImmune Pharmacology</i> , 2020, 15, 422-442.	4.1	63
18	<i>Cryptosporidium parvum</i> Induces B7-H1 Expression in Cholangiocytes by Down-Regulating MicroRNA-513. <i>Journal of Infectious Diseases</i> , 2010, 201, 160-169.	4.0	62

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19	Platelet-derived growth factor (PDGF)-BB-mediated induction of monocyte chemoattractant protein 1 in human astrocytes: implications for HIV-associated neuroinflammation. <i>Journal of Neuroinflammation</i> , 2012, 9, 262.	7.2	61
20	Exosomal miR-9 Released from HIV Tat Stimulated Astrocytes Mediates Microglial Migration. <i>Journal of NeuroImmune Pharmacology</i> , 2018, 13, 330-344.	4.1	56
21	Genome-wide methods for investigating long noncoding RNAs. <i>Biomedicine and Pharmacotherapy</i> , 2019, 111, 395-401.	5.6	55
22	miR-221 suppresses ICAM-1 translation and regulates interferon- β -induced ICAM-1 expression in human cholangiocytes. <i>American Journal of Physiology - Renal Physiology</i> , 2010, 298, G542-G550.	3.4	52
23	Identification of age- and gender-associated long noncoding RNAs in the human brain with Alzheimer's disease. <i>Neurobiology of Aging</i> , 2019, 81, 116-126.	3.1	52
24	Emerging roles of extracellular vesicles in neurodegenerative disorders: focus on HIV-associated neurological complications. <i>Cell Death and Disease</i> , 2016, 7, e2481-e2481.	6.3	50
25	miR-16 Targets Transcriptional Corepressor SMRT and Modulates NF-kappaB-Regulated Transactivation of Interleukin-8 Gene. <i>PLoS ONE</i> , 2012, 7, e30772.	2.5	48
26	Epigenetic Promoter DNA Methylation of miR-124 Promotes HIV-1 Tat-Mediated Microglial Activation via MECP2-STAT3 Axis. <i>Journal of Neuroscience</i> , 2018, 38, 5367-5383.	3.6	45
27	Extracellular vesicular MicroRNA-27a* contributes to cardiac hypertrophy in chronic heart failure. <i>Journal of Molecular and Cellular Cardiology</i> , 2020, 143, 120-131.	1.9	44
28	MicroRNA-221 controls expression of intercellular adhesion molecule-1 in epithelial cells in response to <i>Cryptosporidium parvum</i> infection. <i>International Journal for Parasitology</i> , 2011, 41, 397-403.	3.1	43
29	Extracellular vesicle-mediated delivery of circDYM alleviates CUS-induced depressive-like behaviours. <i>Journal of Extracellular Vesicles</i> , 2022, 11, e12185.	12.2	43
30	Engineered Extracellular Vesicles Loaded With miR-124 Attenuate Cocaine-Mediated Activation of Microglia. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 573.	3.7	41
31	Primary cilia and ciliary signaling pathways in aging and age-related brain disorders. <i>Neurobiology of Disease</i> , 2022, 163, 105607.	4.4	41
32	Intranasal Delivery of lincRNA-Cox2 siRNA Loaded Extracellular Vesicles Decreases Lipopolysaccharide-Induced Microglial Proliferation in Mice. <i>Journal of NeuroImmune Pharmacology</i> , 2020, 15, 390-399.	4.1	36
33	Morphine-mediated release of miR-138 in astrocyte-derived extracellular vesicles promotes microglial activation. <i>Journal of Extracellular Vesicles</i> , 2020, 10, e12027.	12.2	36
34	HIV-1 Tat-Induced Astrocytic Extracellular Vesicle miR-7 Impairs Synaptic Architecture. <i>Journal of NeuroImmune Pharmacology</i> , 2020, 15, 538-553.	4.1	35
35	<i>Cryptosporidium parvum</i> induces SIRT1 expression in host epithelial cells through downregulating let-7i. <i>Human Immunology</i> , 2014, 75, 760-765.	2.4	34
36	Cocaine-induced release of CXCL10 from pericytes regulates monocyte transmigration into the CNS. <i>Journal of Cell Biology</i> , 2019, 218, 700-721.	5.2	32

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37	Neuronal-derived extracellular vesicles are enriched in the brain and serum of HIV-1 transgenic rats. <i>Journal of Extracellular Vesicles</i> , 2020, 9, 1703249.	12.2	31
38	Platelet-Derived Growth Factor B Chain Is a Novel Target Gene of Cocaine-Mediated Notch1 Signaling: Implications for HIV-Associated Neurological Disorders. <i>Journal of Neuroscience</i> , 2011, 31, 12449-12454.	3.6	30
39	Tat-Mediated Induction of miRs-34a & -138 Promotes Astrocytic Activation via Downregulation of SIRT1: Implications for Aging in HAND. <i>Journal of Neuroimmune Pharmacology</i> , 2017, 12, 420-432.	4.1	30
40	HIV-1 Tat-mediated astrocytic amyloidosis involves the HIF-1 α /lncRNA BACE1-AS axis. <i>PLoS Biology</i> , 2020, 18, e3000660.	5.6	26
41	Exosomes derived from differentiated human ADMSC with the Schwann cell phenotype modulate peripheral nerve-related cellular functions. <i>Bioactive Materials</i> , 2022, 14, 61-75.	15.6	26
42	Extracellular Vesicles in Viral Infections of the Nervous System. <i>Viruses</i> , 2020, 12, 700.	3.3	22
43	Astrocyte-Derived Extracellular Vesicle-Mediated Activation of Primary Ciliary Signaling Contributes to the Development of Morphine Tolerance. <i>Biological Psychiatry</i> , 2021, 90, 575-585.	1.3	21
44	Reactive Oxygen Species/Hypoxia-Inducible Factor-1 α /Platelet-Derived Growth Factor-BB Autocrine Loop Contributes to Cocaine-Mediated Alveolar Epithelial Barrier Damage. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2016, 55, 736-748.	2.9	19
45	HIV Tat-mediated induction of autophagy regulates the disruption of ZO-1 in brain endothelial cells. <i>Tissue Barriers</i> , 2020, 8, 1748983.	3.2	18
46	Biogenesis, physiological functions and potential applications of extracellular vesicles in substance use disorders. <i>Cellular and Molecular Life Sciences</i> , 2021, 78, 4849-4865.	5.4	18
47	The contribution of toll-like receptor 2 on Helicobacter pylori activation of the nuclear factor-kappa B signaling pathway in gastric epithelial cells. <i>Microbial Pathogenesis</i> , 2016, 98, 63-68.	2.9	17
48	The biological activity of cationic liposomes in drug delivery and toxicity test in animal models. <i>Environmental Toxicology and Pharmacology</i> , 2016, 47, 159-164.	4.0	17
49	Controllable fabrication of alginate/poly-L-ornithine polyelectrolyte complex hydrogel networks as therapeutic drug and cell carriers. <i>Acta Biomaterialia</i> , 2022, 138, 182-192.	8.3	17
50	Mechanisms of Platelet-Derived Growth Factor-BB in Restoring HIV Tat-Cocaine-Mediated Impairment of Neuronal Differentiation. <i>Molecular Neurobiology</i> , 2016, 53, 6377-6387.	4.0	15
51	Extracellular Vesicle-Mediated Delivery of Ultrasmall Superparamagnetic Iron Oxide Nanoparticles to Mice Brain. <i>Frontiers in Pharmacology</i> , 2022, 13, 819516.	3.5	10
52	Abnormal methylation of PIK3AP1 was involved in regulating the immune inflammatory response of GES-1 cells induced by Helicobacter pylori. <i>Biochemical and Biophysical Research Communications</i> , 2020, 524, 36-42.	2.1	8
53	HIV Tat-Mediated Induction of Monocyte Transmigration Across the Blood-Brain Barrier: Role of Chemokine Receptor CXCR3. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 724970.	3.7	8
54	Immunology of Cryptosporidiosis. , 2014, , 423-454.		8

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55	Antibacterial activity of <i>Pyrrosia petiolosa</i> ethyl acetate extract against <i>Staphylococcus aureus</i> by decreasing <i>hla</i> and <i>sea</i> virulence genes. <i>Natural Product Research</i> , 2017, 31, 1347-1350.	1.8	5
56	KH-type splicing regulatory protein is regulated by nuclear factor- κ B signaling to mediate innate immunity in Caco-2 cells infected by <i>Salmonella enteritidis</i> . <i>Folia Microbiologica</i> , 2018, 63, 669-676.	2.3	5
57	A Vector-Based Short Hairpin RNA Targeting Aurora B Suppresses Human Prostatic Carcinoma Growth. <i>Technology in Cancer Research and Treatment</i> , 2017, 16, 112-119.	1.9	2
58	Molecular cloning of cDNAs for 14-3-3 and its protein interactions in a white-rot fungus <i>Phanerochaete chrysosporium</i> . <i>Annals of Microbiology</i> , 2006, 56, 191-196.	2.6	1
59	MicroRNAs in Epithelial Antimicrobial Immunity. , 2010, , 355-367.		1
60	Chromatin isolation by RNA purification (ChIRP) and its applications. , 2020, , 507-521.		1
61	Noncoding RNAs and Epigenetic Regulation in Aging. , 2021, , 348-363.		0
62	Long Noncoding RNAs in Substance Use Disorders. <i>RNA Technologies</i> , 2020, , 465-490.	0.3	0